

Comparisons of Job Characteristics

Focus Occupation: Textile Knitting and Weaving Machine Setters, Operators, and Tenders (51-6063)

Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Textile Knitting and Weaving Machine Setters, Operators, and Tenders (51-6063)

Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|---|
| Production and Processing | 6.0 | 5.7 | 7.7 | >> Current knowledge level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Textile Knitting and Weaving Machine Setters, Operators, and Tenders (51-6063)

Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Operation Monitoring | 6.6 | 12.6 | 9.7 | << Extensive development of skills in this area may be required |
| Operation and Control | 5.4 | 11.6 | 8.2 | << Extensive development of skills in this area may be required |
| Quality Control Analysis | 5.9 | 10.0 | 6.9 | << Extensive development of skills in this area may be required |
| Troubleshooting | 4.5 | 7.4 | 5.8 | < A higher skill level may be required |
| Equipment Maintenance | 3.5 | 7.3 | 5.8 | < A higher skill level may be required |
| Repairing | 3.4 | 7.1 | 4.2 | << Extensive development of skills in this area may be required |
| Equipment Selection | 3.3 | 5.6 | 4.4 | < A higher skill level may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 89 | | | |
|---|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: Textile Knitting and Weaving Machine Setters, Operators, and Tenders (51-6063) Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Arm-Hand Steadiness | 6.8 | 13.0 | 11.9 | 0 | Current ability level may be sufficient |
| Reaction Time | 4.8 | 11.8 | 8.3 | << | Extensive improvement in abilities may be required |
| Finger Dexterity | 7.6 | 11.0 | 11.5 | 0 | Current ability level may be sufficient |
| Visual Color Discrimination | 6.4 | 10.5 | 7.9 | << | Extensive improvement in abilities may be required |
| Rate Control | 3.8 | 9.5 | 6.2 | << | Extensive improvement in abilities may be required |
| Hearing Sensitivity | 5.6 | 9.0 | 6.9 | < | Some improvement in abilities may be required |
| Gross Body Coordination | 3.9 | 8.3 | 4.9 | << | Extensive improvement in abilities may be required |
| Wrist-Finger Speed | 3.2 | 7.9 | 5.6 | << | Extensive improvement in abilities may be required |
| Speed of Limb Movement | 3.2 | 6.8 | 3.4 | << | Extensive improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 100 |
|---|-------------------------|--|
| Focus Occupation: Textile Knitting and Weaving Machine Setters, Operators, and Tenders (51-6063) Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064) | | |
| Work Activities | Exclusivity of Activity | |
| Adjust production equipment/machinery setup | 25 | |
| Clean equipment or machinery | 20 | |
| Confer with engineering, technical or manufacturing personnel | 25 | |
| Examine products or work to verify conformance to specifications | 15 | |
| Inspect machinery or equipment to determine adjustments or repairs needed | 42 | |
| Load or unload material or workpiece into machinery | 34 | |
| Maintain consistent production quality | 50 | |
| Maintain or repair industrial or related equipment/machinery | 39 | |
| Monitor production machinery/equipment operation to detect problems | 27 | |
| Move or fit heavy objects | 8 | |
| Operate textile production equipment/machinery | 76 | |

| | |
|---|----|
| Perform safety inspections in manufacturing or industrial setting | 33 |
| Read specifications | 23 |
| Read work order, instructions, formulas, or processing charts | 9 |
| Recognize characteristics of cloth or fabric | 82 |
| Set up production equipment or machinery | 51 |
| Understand technical operating, service or repair manuals | 6 |
| Use hand or power tools | 2 |
| Use precision measuring tools or equipment | 17 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Textile Knitting and Weaving Machine Setters, Operators, and Tenders (51-6063)

Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.